"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

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14

Ruml, Vladimir, (Candidate of Medical Sciences, Doctor); Sadil, Josef, (Doctor of Physiological Sciences); Schnal, Ladislav; Stverak, Jiri, (Doctor); Svestka, Zdenek, (Doctor); Tuma, Jaroslav, (Candidate of Physical and Mathematical Sciences, Doctor); Tysl, Vaclav, (Docent, Engineer); Ulehla, Ivan, (Candidate of Technical Sciences, Professor, Doctor); Valnicek, Boris, (Candidate of Physical and Mathematical Sciences, Doctor); Vanysek, Vladimir, (Candidate of Physical and Mathematical Sciences, Docent, Doctor); Vlasak, Marian, (Candidate of Physical and Mathematical Sciences; Doctor); Voda, Miloslav, (Engineer)

Principles of astronautics (Zaklady kosmonautiky) Prague, Orbis, 1964. 445 p. illus., biblio. 5000 copies printed.

TOPIC TAGS: cosmonautics, rocket, satellite, space flight, missile

PURPOSE AND COVERAGE: This publication is a popular scientific reference book for people working in cosmonautics. The book presents a survey of cosmonautics and space flight up to 1 June 1963.

TABLE OF CONTENTS:

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APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZEK, Josef, inz., kandidat technickych ved

Electric strength of solid insulating materials. El tech obzor 52 no.6:291-297 Je '63.

1. Ceskoslovenska akademie ved.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZEK, Jan, inz.

Development of labor productivity in the underground coal mines in some countries. Uhli 6 no.10:357 O '64.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

L 18296-63 EWP(j)/EPF(c)/EWT(1)/EWP(q)/EWT(m)/BDS/ES(s)-2/ES(w)-2
~~AFFTC/ASD/ESD-3/IJP(C)/SSD Pc-4/Pr-4/Pt-4/Pab-4~~
RM/WW

ACCESSION NR: AP3003057 Z/0017/63/052/006/0291/0297

84
83

AUTHOR: Mrazek, Josef (Engr, Candidate of technical sciences)

TITLE: Electrical strength of solid insulation materials 15

SOURCE: Elektrotechnicky obzor, v. 52, no. 6, 1963, 291-297

TOPIC TAGS: electric insulator, electric strength, solid dielectric, dielectric breakdown, mica, remica

ABSTRACT: The purpose of this article is to present criteria to be applied in determining types of electric breakdown which appears in solid dielectrics. The author is concerned with the electric strength of solid insulators from the viewpoint of their momentary state. The electric breakdown is defined as a permanent loss of insulating properties caused by an electric field. The following criteria are described: electric strength from the view point of measurement; electric strength from the view point of the causes of breakdown; electric strength as a characteristic of materials properties; mechanisms of a purely electric breakdown as a process during which freed electrons gain energy through the influence of the electric field and form a conductive channel in the insulator;

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ACCESSION NR: AP3003057

theory of the purely electrical breakdown caused by the emission of electrons from the valence band, assuming that the breakdown is caused by a sudden rise in the insulator temperature to a critical value making the insulator conductive; mechanism of the impact ionization which, according to the author, causes a purely electric breakdown by local overheating; collective mechanism of a purely electric breakdown caused by the impact ionization according to Frohlich and Paranjape; mechanism of a purely electric breakdown caused by ionization generated by the high temperature of electrons at a lower grid temperature, caused not by the electric-field intensity, but by the temperature of electrons. The author concludes that theory is not enough and experiments are necessary to determine the electrical strength of a given material. To determine the practical value of various methods experiments were made with mica and remica at temperatures ranging from 15 to 130° C between two copper ball electrodes submerged in oil. Results of the measurements are shown in Fig. 1, 3, and 4 of Enclosures 1, 2, and 3. Orig. art. has: 4 figures and 20 formulas.

ASSOCIATION: Ceskoslovenska adademie ved (Czechoslovak Academy of Sciences)

SUBMITTED: 12Feb63 DATE ACQ: 24Jul63 ENCL: 03

SUB CODE: EE NO REF SOV: 000 OTHER: 009

Card 2/5

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

FEDOSEYEV, V.M.; TARASENKO, A.G.; MRAZEK, L.; SILAYEV, A.B.

Synthesis of 2,3-dimercaptopropylamine and its N-mono- and N,N'-dialkyl derivatives. Dokl.AN SSSR 148 no.4:871-874 F '63. (MIRA 16:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom A.N.Nesmeyanovym.
(Propylamine)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZEK, M.

10

Nonneedlelike structure of an iron-manganese-carbon alloy after annealing at 1150° and subsequent deep-cooling. 8

A. Kraus, O. Tlustá, and M. Mrázek (Tech. Hochschule, Prague). *Acta Tech. Acad. Sci. Hung.* 16, 205-9(1957).—An alloy contg. Fe 94, Mn 5, C 1% shows a new structural element, discretely different from needle-shaped martensite, after heating to 1160° and quenching in oil and cooling to −10°. Nonneedle structures aside from normal martensite are noted between adjacent austenitic grain structures of 400 × magnification, after polishing and etching.

Frederick C. Nachod

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZEK, M.

[Premature births] Osetrovani predcasnych novorozencu. Cesk.gyn. 15 no.1-2:151-157 '50. (CIML 19:1)

1. Of the Obstetric-Gynecological Clinic (Head -- Prof. Ludvik Havlasek, M.D.), Masarykov University, Brno.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZEK, Miloslav

HAVLASEK, Ludvik, Prof. Dr.; MRAZEK, Miloslav, Dr.; KONVALINA, Pavel, Dr.

Surgical treatment of uterine & vaginal prolapse. Cesk. gyn. 22[36] no.6:417-428 Sept 57.

1. I. por. a gyn. klinika Masarykovy university v Brne, prednosta prof. Dr. Ludvik Havlasek.

(UTERUS, dis.
prolapse, surg. (Cz))
(VAGINA, dis.
prolapse, surg. (Cz))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZEK, M.; DRAC, P.; UHLIR, M.; UHER, M.

Incidence and conduction of premature labor. Cas. gyn. 23[37] no.4: 269-271 June 58.

1. I. Por. a gyn. klinika MU v Brne, prednosta prof. Dr. Havlasek. M. M., I. gyn. a por. klin. MU v Brne.
(LABOR,
premature, incidence & conduction (Cz))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZEK, M.

Gynecological and obstetrical work in the Czechoslovak Hospital in the Vietnam Democratic Republic. Cesk. gynek. 27 no.1/2:145-148 Mr '62.

1. I gyn. por. klin. UJEvP v Brne, prednosta prof. dr. L. Havlasek.

(GYNECOLOGY) (OBSTETRICS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZEK, M.

Experience of a gynecologist in the Republic of Guinea. Cesk. gynek. 27 no.3:235-239 Ap '62.

1. I gyn. por. klin. UJEvP v Brne, prednosta prof. MUDr. L. Havlasek.

(GYNECOLOGY)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

K

CZECHOSLOVAKIA/Optics - Physical Optics.

Abs Jour : Ref Zhur Fizika, No 12, 1959, 28404

Author : Mrazek, V.

Inst :

Title : Retroreflex - The Backward Reflection of Light

Orig Pub : Strojirenstvi, 1958, 8, No 11, 860-864

Abstract : It is proposed to subdivide reflection of light into three types: 1) Scattered (diffused); 2) specular, 3) returning (retroreflex). For return reflection from a system of glass balls the author obtains the connection between the radii of the glass balls, their coefficient of refraction, the thickness of the base of the retroreflex surface, and the angle of inclination of the returning ray from the initial direction. Comparative data are given on the reflecting ability of retroreflex surfaces, a beaded motion-picture screen, paper, etc. The practical application of

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZEK, V.

Instrument for graphic derivation and integration. p. 699.

STROJIRENSTVI. (Ministerstvo tezkeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju) Praha, Czechoslovakia, Vol. 9, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 1, Jan, 1960

Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZIK, A.

A conference on the use of wood in the building industry. p.3. (Stavebnicky Casopis. Bratislava. Vol. 5, no. 1, 1957.)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZIK, Augustin, inz., C.Sc.

Effect of the creep and shrinkage of the concrete of a statically determined composite plate beam. Stav casopis 10 no.9:513-531 '62.

1. Ustav stavebnictva a architektury, Slovenska akademia vied. Bratislava.

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MRAZIK, Augustin, inz., C.Sc.

Comments on the regulations for designing coupled steel concrete girders. Inz stavby 11 no.1:17-21 Ja '63.

1. Ustav stavebnictva a architektury, Slovenska akademia vied.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZIK, F.

MRAZIK, F.; PAWLOWSKI, T.

A catastrophic avalanche in the Lower Tatra Mountains.

p. 237, (Wierchy) Vol. 25, 1956, Krakow, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZIK, F.

GEOGRAPHY & GEOLOGY

Periodicals: KRASY SLOVENSKA Vol. 36, No. 2, Feb. 1959

MRAZIK, F. Avalanche. p.72. Operation Cemetery on December 31, 1958, p. 74

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5, May 1959, Unclass.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

PUZANOVA, L.; MRAZKOVA, O.

Changes in the thickness of the muscle fiber in the m. semitendinosus of the rat after various types of experimental denervation. Cesk. morf. 13 no.1: 31-42 '65

1. Institute of Anatomy, Medical Faculty, Charles University, Prague.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZKOVA, O.

Changes of diameter of muscle fibres in corresponding muscles of upper and lower limb observed during fetal development. Cesk. morf. 13 no.3:265-274 '65.

1. Institute of Anatomy, Faculty of Medicine, Prague.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

KRAZKOVA-MIKULIKOVA, Helena, MUDr

Psychology of hospitalized children. Lek. listy, Brno 9 no.19: 433-435 1 Oct 54.

1. Krajska detska nemocnice v Brne v Cernych Polich. Infekcni oddeleni. Prednosta: Doc. MUDr Vl. Kluska.
(PSYCHOLOGY,
of hosp. child.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZOVA, E.

V

Country : CZECHOSLOVAKIA
Category: Pharmacology. Toxicology. Cardio-Vascular Agents.

Abs Jour: RZhBiol., No 6, 1959, No 27786

Author : Link, F ; Mrazova, E.
Inst : -
Title : On the Problem of Biological Evaluation of Cardiac Glucosides

Orig Pub: Ceskosl. farmac., 1958, 7, No 6, 313-316

Abstract: No abstract

Card : 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

Mrazova, I.

MRAZ, I.; MRAZOVA, I.

Substitution of egg white as a vegetative method of poultry hybridization. Zool.zhur. 34 no.5:957-964 S-O '55. (MLRA 9:1)

1.Voyenno-meditsinskaya akademiya Chekhoslovakii.
(Poultry breeding) (Hybridization)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZOVA, J.

Relationship between the effect, dose and concentration of subcutaneous pentazole. Cesk. fysiol. 8 no.6:552 N '59

1. Farmakologicky ustav Lek. fak. KU, Hradec Kralove.
(PENTYLENETETRAZOLE, pharmacol.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

CZECHOSLOVAKIA

GROSSMAN, V.; MRAZOVA, J.; VESELY, C.; Department of Pharmacology and Department of Physiology, Charles University Faculty of Medicine, Hradec Kralove.

"Modification by Ionizing Radiation of the Central Nervous Reactivity to Stimulating Drugs."

Prague, Activitas Nervosa Superior, Vol 5, No 4, 1963, pp 345 - 351

Abstract: (Authors' English Abstract) A study was made of the effect of drugs stimulating the CNS in mice, rats, and rabbits during 6 days after irradiation with a mean lethal dose of X-rays. It was found that mice showed a lowered intravenous toxicity and increased convulsion to a lethal dose of pentazol, pentazol treated rats had a lowered motor activity after an original hyperactivity, and rabbits showed shortening of the pentazol ECoG changes. Some rats developed a defensive conditioned reflex under standard conditions. These were improved by caffein, methylphenyldat, benzedrine. Radiation probably does not affect in a special way definite processes, but probably disturbs energetic metabolism. 3 Figures, 2 Tables, 5 Western, 5 Czech, 12 Russian, 1 Hungarian reference.

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APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRAZ, Josef; MRAZOVA, Jirina; HAVEL, Vladimir

Vegetative hybridization of birds by exchange of egg protein.
Cesk. biol. 4 no.4:235-239 Apr 55.

1. Vojenska lekarska akademie, katedra obecne biologie, Hradec Kralove.
(HYBRIDITY,
of domestic fowls by exchange of egg protein)
(FOWLS, DOMESTIC,
hybridization by exchange of egg protein.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

CZECHOSLOVAKIA / General and Special Zoology. Insects. P
Physiology and Toxicology.

Abs Jour: Ref Zhur-Biol., No 1, 1959, 2224.

Author : Janda, V.; Hrciak, M.
Inst : Not given.
Title : General Insect Metabolism. VI. The Activity of the Cockroach Periplaneta Americana in 24 Hours and its Relation to Oxygen Consumption.

Orig Pub: Vest. Ceskosl. spolec. zool., 1957, 21, No 3, 244-255.

Abstract: The activity of the American cockroach is not the same during 24 hours; it is subjected to a definite rhythm. Maximum O_2 consumption coincides with the maximum activity. The rhythm is broken with a change in conditions, (continuous

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

CZECHOSLOVAKIA / General and Special Zoology. Insects. P
Physiology and Toxicology.

Abs Jour: Ref Zhur-Biol., No 1, 1959, 2224.

Abstract: exposure to light), but is restored when the conditions become normal again. -- From the authors' summary.

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APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRCIAK, M.

SCIENCE

MRCIAK, M. Finds of new acarian of the "Parasitoformes" order in small mammals in Czechoslovakia. p. 311.

Vol. 13, No. 4, 1958.

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec. '58

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRCIAK, M

"Mite fauna of a parasitic nature living on small mammals in the Topolcianky Game Preserve."

BIOLOGIA, Bratislava, Czechoslovakia, Vol. 13, no. 7, 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclas

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRCIAK, M.; ROSICKY, B.

Relationship of mites of the order Parasitiformes to their hosts, especially small mammals. p. 241

BIOLOGIA. (Slovenska akademia vied) Bratislavia, Czechoslovakia, Vol. 14, no. 3 , 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

BARDOS, V.; ADAMCOVA, J.; SIMKOVA, A.; ROSICKY, B.; MRCIAK, M.; DANIEL, M.

Natural focus of tick-borne encephalitis in the High Tara. Cesk. epidem. mikrob. imun. 8 no.3:145-152 May 59.

1. Ustav epidemiologie a mikrobiologie v Bratisvlave Biologicky ustav CSAV v Praze.

(ENCEPHALITIS, EPIDEMIC, epidemiol.
tick-borne encephalitis focus in Czech. (Cz))

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRCIAK, M.

Acari of the order Parasitoformes found on small Mammalia in Rumania.
Biologia 15 no.7:498-507 '60. (EEAI 10:2)

1. Institut de biologie, Department de parasitologie, Academie Tchecoslovaques des sciences Prague.
(RUMANIA--MITES) (MAMMALS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

BORECKY, L.; JACKOVIC, V.; MEBLA, E.

The effect of trypsin on influenza virus. Acta virol. [Eng.] 8 no.6:555 N '64

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

ZAVADA,J.; MRENA,E.; ZAVADOVA,Z.; RADA,B.; KOVACOVA,E.

Agent isolated from human leukaemic serum, causing transformation of cells in vitro. Neoplasma (Bratisl.) 11 no.6:649-654 '64.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava, Czechoslovakia.

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POTOP, I.; NEACSU, C.; BINER, J.; MREANA, G.

The electrophoresis of proteins and lipoproteins in tumor-carrying rats under the influence of thymus fractions. Rev. sci. med. 5 no.1/2: 83-87 '60.

(NEOPLASMS blood) (BLOOD PROTEINS)
(LIPOPROTEINS blood) (THYMUS GLAND extracts)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

P[redacted], I.; BIENER, J.; LUPULESCO, A.; MREANA, G.

Effect of certain isolated thymus fractions on the development of Guerin's tumors in albino rats. Neoplasma 8 no.2:157-164 '61.

1. Institut d'Endocrinologie C.I. Parhon, Bucarest, Roumanie.
(THYMUS extracts) (NEOPLASMS exper)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

POTOP, Izabela; MREANA, Georgeta; NEACSU, C.

The influence of some hormones and hormone extracts on the uptake of P-32 in the brain, studied from the phylogenetic aspect. Rev. sci. med. 8 no.3/4:163-166 '63.

(BIRDS) (POULTRY) (BRAIN) (METABOLISM)
(PHOSPHORUS ISOTOPES) (ADENOSINE TRIPHOSPHATE)
(THYROXIN)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MILCU, St.-M., acad; POTOP, Isabela; MREANA, Georgeta

Data regarding the influence of thymectomy and application of thymic extract on the ATP in muscles. Comunicarile AR 13 no.10:909-914 O '63.

1. Institutul de endocrinologie al Academiei R.P.R.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

POTOP, Isabela; BOERU, Vera; MREANA, Georgeta

Some data on the composition of some protein extracts prepared from thymus. Comunicarile AR 13 no.10:921-927 O '63.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MILCU, St.-M. academician; POTOP, Isabela; HOLBAN, Ruxandra; GHINEA, Elena; MREANA, Georgeta; BOERU, Vera.

The action of thymus extracts on the proliferation of cells cultured in vitro. Studii cercet. endocr. 16 no.2:129-136 '65.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MATEYKO, A. [Matejko, A.]; MRELA, G.

Participation of volunteers in improving the organization of production and labor in Polish enterprises. Sots. trud 8 no.12:115-118 D '63. (MIRA 17:2)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRELA, Henryk, dr inz.

Testing and improving efficiency of labor methods in repair.
Przegl techn 86 no.3:9 17 Ja '65.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRENA, M. [illegible], J.

Interpretation of symmetric structures evolved by the rotation technique in electron microscopy of viruses. Acta virol. (Praha) [Eng.] 8 no.4:373-375 Jl '64.

1. Institute of Virology, Czechoslovak Academy of Sciences, and Research Institute of Oil and Hydrocarbon Gases, Bratislava, Czechoslovakia.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

RUSHCHAK, M. [Ruscak, M.]; MATSEYCVA, Ye. [Macejova, E.]; RUSHCHAKOVA, D. [Ruscakova, D.]; MRENA, E.

Glycolysis in the mitochondrial fraction of the central nervous system in rats. Ukr. biokhim. zhur. 36 no. 4:584-592 '64. (MIRA 18:12)

1. Institut eksperimental'noy meditsiny Slovatskoy akademii nauk i Institut virusologii Chekhoslovatskoy akademii nauk, Bratislava. Submitted April 20, 1964.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

L 18285-65 EWT(m) Pa-4 RM

ACCESSION NR: AP5001829 S/0056/64/047/006/2073/2079

B

AUTHOR: Privalov, P.L.; Monaselidze, D. R.; Mrevlishvili, G. M.; Magaldadze, V.A.

TITLE: Heat of "intramolecular melting" of macromolecules

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 47, no. 6, 1964, 2073-2079

TOPIC TAGS: macromolecule, nucleinic acid, albumen, desozyribonucleic acid, collagen, melting heat, microcalorimetry, transconformation

ABSTRACT: The authors report that they have measured, for the first time, the heat absorbed during the transconformation of nucleinic acids and proteins. Such measurements were ordered in the past by the great difficulty of recording weak thermal effects in macromolecule solutions which had to be highly diluted (to reduce the interaction) and which were available in very limited amounts. The measurements were made with an automatic adiabatic differential microcalorimeter, specially developed at Institut fiziki AN GSSR. The equipment and procedure are described in some detail, and involve essentially the measurement of unbalanced thermocouple current which flows when one of two identical ampoules, containing

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ACCESSION NR: AP5001829

the compound, absorbs heat. The microcalorimeter and the twin ampoules are shown in Fig. 1 of the enclosure. Measurements were made of the heat absorbed during the thermal transconformation of DNA (640 mg of 0.107% solution, amounting to 0.685 mg of the compound) and 630 mg of 0.15% procollagen solution, amounting to 0.97 mg of the albumen. The heat absorbed by the DNA and by the procollagen was $(8.15 \pm 0.35) \times 10^{-3}$ and $(6.95 \pm 0.20) \times 10^{-3}$ cal, equivalent to 11.9 ± 0.6 and 7.15 ± 0.25 cal/g, respectively. The results are compared with theoretical estimates based on the value of the transconformational change in enthalpy, and differences in the structure of the DNA and procollagen are discussed. "The authors thank Professor E. L. Andronikashvili for interest and support and K. A. Kafiani for supplying the DNA compound." Orig. art. has: 4 figures and 1 formula.

ASSOCIATION: Institut fiziki AN GSSR (Institute of Physics AN GSSR)

SUBMITTED: 02Jul64 ENCL: 01

SUB CODE: LS, TD NR REF SOV: 003 OTHER: 012

Card 2/3

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L 18285-65
ACCESSION NR: AP5001829

ENCLOSURE: 01

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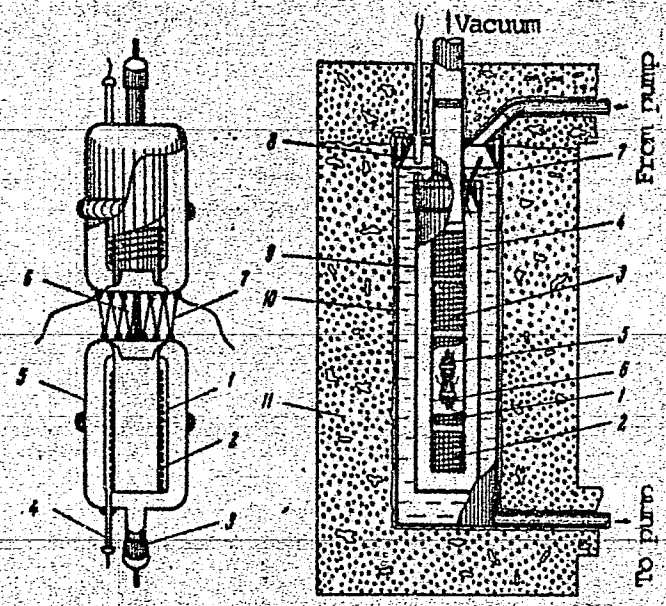

Fig. 1. Details of microcalorimeter.

Left: Double ampoule. 1 - Heating-element jacket, 2 - heater wire, 3 - neck with sealed stopper, 4 - heater lead, 5 - ampoule housing, 6 - connecting rod, 7 - thermopiles.

Right: Heat shielding of microcalorimeter. 1 - Central heat screen 2 - lower end heat screen, 3 - upper end heat screen, 4 - uper heat screen, 5 - double ampoule, 6 - silver rim, 7 - heat pickup of water jacket, 8 - platinum resistance thermometer, 9 - vacuum jacket, 10 - water jacket, 11 - foamed plastic

Card 3/3

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MREVILISHVILI, N. I.

"Fauna and Stratigraphy of the Paleogene of Dushetskiy Rayon." Cand Geol-Min Sci, Inst of Geology and Mineralogy, Acad Sci Georgian SSR, Tbilisi, 1954. (RZhGeol, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO. Sum. No. 556 24 Jun 55

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

KHIRTLADZE, N.I.; MREVLISHVILI, N.I.

Trachytes of the Dusheti region. Soob. AN Gruz. SSR 27 no.6:687-690 D '61. (MIRA 15:2)

(Dusheti Region--Trachyte)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MREVLISHVILI, M.I.

Paleocene Nummulitidae in southeastern Georgia. Izv. Geol. ob-va Gruz. 4 no. 2:37-41 '65 (MIRA 19:1)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MARES,I.; MREVO, M.

Current status of active measles prevention. Cas. lek. cesk. 104 no.2:33-38 15 Ja '65

1. Ustav ser a ockovacich latek, Praha (reditel MUDr.J.Malek)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MREZHIN, A., metodist

Creative handwriting. Prof.-tekh. obr. 22 no.3:14-15 Mr '65. (MIRA 18:7)

1. Uchebno-metodicheskiy kabinet Khabarovskogo krayevogo upravleniya professional'no-tekhnicheskogo obrazovaniya.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRGOLE, M.; PRAUNSEIS, K.

A case of acute hilous peritonitis. Zdrav. vestn. 33 no.6:176-177 '64

1. Interni oddelek splosne bolnisnice v Ptuju (Predstojnik oddelka: dr. Andrej Lusicky); Kirurski oddelek splosne bolnisnice v Ptuju (Predstojnik oddelka: dr. K.Praunseis).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

CZECHOSLOVAKIA

MRHA, J

J. Heyrovsky Institute of Polarography, Czechoslovak Academy of Sciences, Prague

Prague, Collection of Czechoslovak Chemical Communications, No 2, February 1967, pp 708-719

"Study of catalysts for fule cell electrodes. Part 4: Active carbon electrodes for oxygen in alkaline electrolyte."

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

Z/039/60/021/06/007/031
E140/E263

AUTHOR: Mrha, Jiří, Engineer

TITLE: Miniature Gas Proof Nickel-Cadmium Storage Batteries

PERIODICAL: Slaboproudý obzor, 1960, Vol 21, Nr 6, pp 358-363

ABSTRACT: After a discussion of certain Western products and their comparison with those produced in other countries of Eastern Europe, the author describes the first Czech storage battery of this type. Its specifications agree in general with those of the West German firm DEAC. The capacity is 225 mAh. It is used so far for a pocket flashlight and a pocket radiation indicator. There are 9 figures, 6 tables and 9 references, 3 of which are German, 2 French, 3 Czech and 1 Polish.

ASSOCIATION: Bateria, n.p., výzkumné a vývojové pracoviště (Research and Development Establishment of Bateria)

SUBMITTED: February 9, 1960

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

Z/039/63/024/003/003/003
E192/E382

AUTHORS: Mrha, Jiří and Marholová, Olga, Engineers

TITLE: Sealed nickel-cadmium accumulators

PERIODICAL: Slaboproudý obzor, v. 24, no. 3, 1963, 146 - 151

TEXT: The new, Czechoslovak-made accumulator, type Ni Cd 2000, is cylindrical in shape (61 mm high, 33 mm in diameter) and has the following electrical characteristics: operating voltage of 1.2 V and capacity of 1.5 Ah at 10-hour rate. The envelope of the accumulator is in the form of a cup made of thick steel plate; this is also the negative electrode. The cup is coated with a layer of PVC. The electrode system, which is inserted into the cup, consists of three positive electrodes and six negative electrodes, rectangular in shape. A separator and an electrolyte-carrier made of polyamide are inserted between the electrodes. The electrolyte is formed by a suitable solution of potassium oxide. The electrode system can be regarded as three sets of electrodes connected in parallel, each consisting of a central positive electrode and two negative electrodes on each side. The performance and the parameters of this accumulator are

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

Z/039/63/024/003/003/003
E192/E382

Sealed nickel-cadmium accumulators

compared with similar devices manufactured in the USSR, East Germany, Poland, Hungary, West Germany, Great Britain and the USA. It is found that the Czechoslovak accumulator is not in any way inferior to the similar foreign products. Two further accumulators of this type are being prepared. There are 7 figures and 10 tables.

ASSOCIATION: Bateria Slaný, n.p., Praha
(Bateria Slaný State Enterprise, Prague)

SUBMITTED: December 17, 1962

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRHA, Jiri, inz.; MARHOLOVA, Olga, inz.

Contribution to the theory of sealed nickel-cadmium storage batteries. Slaboproudy obzor 24 no.6:364-367 Je '63.

1. Bateria Slany, n.p.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

CZECHOSLOVAKIA

MRHA, J.

J. Heyrovsky Polarographic Institute, Czechoslovak Academy of Sciences (Polarographisches Institut J. Heyrovsky, Tschechoslowakische Akademie der Wissenschaften), Prague

Prague, Collection of Czechoslovak Chemical Communications, No 2, Feb 1966, pp 715-734

"Study of catalysts for electrodes of fuel elements. Part 2: Active carbon as a catalyst of electroreduction of acids."

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

ZEMPLENYI, T.; GRAFNETTER, D.; LOJDA, Z.; MRHOVA, O.

A study of metabolic factors involved in atherosclerosis. Rev. czech. M. 8 no.2:124-132 '62.

1. Institute for Cardiovascular Research, Prague; Director: Academician K. Weber -- Institute of Embryology, Charles University, Prague; Director: Prof. Z. Frankenberger.
(ARTERIOSCLEROSIS metabolism) (LIPIDS metabolism)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

ZEMPLENYI, T.; KNIZKOVA, I.; LOJDA, Z.; MRHOVA, O.

The group-specific carboxylic esterase activity of aortic tissue.
Cor vasa 5 no.2:107-113 '63.

1. The Institute for Cardiovascular Research, and the Angiological Laboratory of Charles University, Prague.
(AORTA) (ESTERASES) (RATS) (RABBITS)
(POULTRY) (METABOLISM)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRIANKOV, G.

Decomposition of the general gear ratio of a multistage gear drive with cylindrical cogwheels made of various materials. Godishnik khim tekh 8 no.1:275-284 '61 [publ. '62.].

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRIANKOV, Georgi

Analyzing the general transmissive number of p-stepped gear transmission with cylindrical gear wheels made from identical materials. Godishnik khim tekh 6 no.1:119-134 '59 (Publ. '60)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRIANKOV, G.

Division of the speed ratio of a multistage gear drive with cylindrical cogwheels of the same durability. Godishnik vis. tekh. 9 no. 1:255-265 '62[publ.'63].

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRIANKOV, G., inzh.

Transmission ratio of gearings with conical and cylindrical cogwheels in view of the most expedient use of the cogwheel resistance to wear. Mashinostroene 13 no.11, 12-17 N'64.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

KOTRBA, V.; JIRASKOVA, M.; MRKAS, L.

Study of methods for the determination of dental hygiene and some of its relationships. Cesk. stomat. 58 no.1:9-[illegible] Ja '[illegible].

1. Vyzkumny ustav stomatologicky v Praze (reditel prof. dr. J. Kostlan).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRKEVKA, M., inz.

Measurement of loss coefficients of fittings. Strojirenstvi 13 no.10:765-768, 774 O '63.

1. Vyzkumne stredisko armatur, Modrany u Prahy.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

JIRASKOVA, M.; BURES, H.; HOSKOVA, M.; KOTRBA, V.; THOROVA, J.; MRKLAS, L.

Effect of Czechoslovakian-made toothpaste containing sodium fluoride. Cesk. stomat. 65 no.6:433-436 N '65.

1. Vyzkumny ustav stomatologicky v Praze (reditel prof. dr. J. Kostlan).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRKLAS, Lubor

URNAME, Given Names

Country: Czechoslovakia

Academic Degrees: not given

Affiliation:

Source: Prague, Ceskoslovenska Stomatologie, Vol 61, No 5, Sept 1961; pp 377-382

Data: "The Incidence of Periodontopathies and some of their Exogenous Factors among the Young People of Prague"

TER-MANUELIANCOVA, Marie: Stomatology Department, Okres Institute of Public Health (Stomatologicke oddeleni OUNZ /Okresni Ustav Narodniho Zdravi/ Prague I) Head (Prednosta): Dr. J. MINC

MRKLAS, Lubor: Stomatology Research Institute (Vyzkumny Ustav stomatologicky) Director (Reditel): Docent Dr. KOSTIAN; Prague

MICHNEVICOVA, Anna: Second Stomatology Clinic (II stomatolgicka klinika) Head Dr F. URBA: Prague

GPO 981643

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

RUZICKA, J.A., inz.; MRKLAS, L., inz.

Visual colorimetric methods of determining fluor in drinking water. Vodni hosp 15 no.3:113-116 '65.

1. Research Institute of Stomatology, Prague.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

CZECHOSLOVAKIA

MRKLAS, L.

Research Institute of Stomatology (Vyzkumny ustav stomatologicky), Prague

Prague, Ceskoslovenska stomatologie, No 3, 1963, pp 145-151

"The Evaluation of the Caries Incidence in Children and Adolescents. II. Characteristics of the Changes in the State of the Dentition Due to Caries."

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

NOVAK,S.; MECIR,M.; MRKLAS,L.

Dental caries in children who were breast-fed and those who were artificially fed during the 1st month of their life. Cesk. stomat. 65 no.2:91-97 Mr '65

1. Vyzkumny ustav stomatologicky v Praze (reditel - prof. dr. J. Kostlan) a Ustav pro peci o matku a dite v Praze (zat. reditel - doc. dr. J. Horsky).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

STULHOFER, Mladen, dr.; SKRABALO, Zdenko, dr.; MRKLIC, Bojan, dr.; MIKULICIC, Mihajlo, dr.

Current status of the surgical therapy of hyperthyroidism. Lijecn. vjesn. 87 no.7:715-723 Jl '65.

1. Iz Kururskog odjela i interne klinike Opce bolnice "Dra O. Novosela" u Zagrebu.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRKOS, A.

"Our new photographic telescope; the Maksutov system." (p.157). RISE HVEZD. (Ceskoslovenska spolecnost astronomicka) Praha. Vol. 34, No. 7, Sept. 1953.

SO: East European Accessions List, Vol. 3, No. 8, Aug 1954.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRKOS, A.

Studying the luminescence of night sky. Inform. biul. Sov. antarkt. eksp. no.2:43-44 '58. (MIRA 12:8)

1.Tret'ya kontinental'naya ekspeditsiya Chekhoslovatskoy AN.
(Antarctic regions—Night sky)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

S/169/62/000/012/038/095
D228/D307

AUTHOR: Erkos, A.

TITLE: Determining the deposits of cosmic dust on the ice shield of Eastern Antarctica

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1962, 16, abstract 12B116 (Inform. byul. Sov. antarkt. ekspeditsii, no. 32, 1962, 38)

TEXT: At Station Vostok the annual snow layer was taken from one square meter. Chemical analysis of the melted snow showed that the sample contained ~ 0.078 g of dust particles, 18% of which consisted of iron, nickel and cobalt. In addition, pollen of South American and Australian plants was discovered in the dusty matter. [Abstracter's note: Complete translation]

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRKOS, A., geofizik (Chekhoslovatskaya Sotsialisticheskaya Respublika)

Electrophotometric measurements of the intensity of polar lights in Antarctica in 1962. Inform. biul. Sov. antark. eksp. no.40:33-36 '63. (MIRA 16:7)

1. Sed'maya kontinental'naya ekspeditsiya.
(Antarctic regions--Auroras)
(Photoelectric measurements)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRKOS,A., geofizik

Electrophotometric measurements of the glow of the night sky during April-May 1963. Inform. biul. Sov. antark. eksp. no.46: 41-42 '64 (MIRA 18:1)

1. Akademiya nauk Chekhoslovatskoy SSR.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRKOS, Antonin

Third Czechoslovak antarctic expedition. Vestnik CSAV 72 no.5: 636-643 '63

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRKOS, B.

A new Dutch method of measuring the magnetic permeability of flotation agents for preparation in heavy solutions.

P. 310. (UHLI.) (Praha, Czechoslovakia) Vol. 7, No. 9, Sept. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

PESEK, Jaroslav, MUDr.; SVOBODA, Karel, MUDr.; MRKOS, MUDr.; za technicke spoluprace: DOLEZELOVE, Vera

Influenza epidemics in youth collectives in Brno region in January 1954. Vnitr. lek., Brno 1 no.1:12-18 Jan 55.

1. Z mikrobiologickeho ustavu Krajke klinicke nemocnice v Brne, prednosta prof. MUDr. V. Tomasek, a z I. vnitrni kliniky lekarske fakulty MU v Brne, prednosta prof. MUDr. M. Stejfa, Brno, Pekarska 53. Mikrobiologicky ustav.

(INFLUENZA, epidemiology
in Czech., youth collectives in Brno region.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

Mrkos, Dusan

DOSTALOVA, Helena., MUDr. ;MRKOS, Dusan., MUDr.

Diagnostic importance of adrenalin test in hypersplenism.
Vnitr. lek., Brno 1 no.2:113-124 Feb 55.

1. Z I. vnitrni kliniky MU v Brne, prednosta prof MUDr M. Stejfa
D. M..Brno, Trida Obrancu Miru 66
(HYPERSPLENISM, diagnosis
adrenalin test)
(EPINEPHRINE
adrenalin test in diag. of hypersplenism)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRKOS, Dusan, MUDr.

Clinical picture of myelofibrosis. Vnitr. lek., Brno 1 no.6: 450-462 June 55.

1. Z I. vnitrni kliniky MU v Brne, prednosta prof. MUDr. M. Stejfa, Brno, Trida Obrancu miru 66.
(BONE MARROW, diseases
myelofibrosis, clin. aspects.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

MRKOS, Dusan, MUDr; SANDOVA, Miluse MUDr.

Experiences with peroral therapy of vitamin B_{12} combination and intrinsic factor in pernicious anemia. Vnitr.lek., Brno 1 no.8: 624-630 Aug '55.

1. Z I. vnitrni kliniky MU v Brne, prednosta prof. MUDr.Milos Stejfa.

(ANEMIA, PERNICIOUS, therapy
vitamin B_{12}, peroral admin, with intrinsic factor, evaluation)
(VITAMIN B_{12}, therapeutic use
anemia, pernicious,peroral admin. with intrinsic factor, evaluation)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135510015-9

EXCERPTA MEDICA Sec. 6 Vol. 11/10 Oct. 57

MRKOS D.

6464. MRKOS D. 1. Vnitřní Klin. Brněnské Univ., Brno. Hemoblastosy s výskytem leukoaglutininů. Haemoblastoses with the presence of leuco-agglutinins VNITŘ. LÉK. 1956, 2/2 (127-132)

In 42 different cases of leucopenia, leuco-agglutinins were found in 3: in a case of 'blastomatous leukaemia', in a case of malignant reticulosis and in a case of lymphatic leukaemia respectively. The behaviour of the leuco-agglutinins corresponds with that reported in the literature, with the difference that the leuco-agglutinins were constantly found in the fresh serum of both cases of leukaemia while in the third case they were found after 14 days of observation in a leucopenic stage of the disease. The relation is emphasized of the presence of leuco-agglutinins with the leucopenia and their appearance after repeated blood transfusions as an evidence of their auto- and iso-immunologic origin. Stransky - Manila

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T

COUNTRY :Czechoslovakia
CATEGORY :Human and Animal Physiology. Blood

ABS. JOUR. : RZhBiol., No. 5 1959, No. 21997

AUTHOR :Mrkos, D.
INST. :--
TITLE :The Pathophysiology of Hemorrhagic Thrombocythemia.

ORIG. PUB. :Vnitrni lekarstvi, 1958, 4, No. 5, 445--454

ABSTRACT : Two cases of hemorrhagic thromocythemia following splenectomy are presented. The initial manifestations of the disease were leukocytosis, a tendency toward polycythemia, hemorrhagic diathesis and thrombotic signs. Actual thrombocytosis developed later, and a considerable prolongation of bleeding time was observed (more than 30 minutes). Both patients experienced "attacks" of paresthesia, occasionally with temporary impairment of vision and syncope. As the disease progressed, agglutination of platelets occurred, evident macroscopically

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COUNTRY : Czechoslovakia T
CATEGORY :

ABS. JOUR. : RZhBiol., No. 5 1959, No. 21997

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : in vitro as well. Cold thrombosagglutinins were detected in the serum. A disturbance in the generation of thromboplastin was established. Evidently a thrombotic mechanism plays a chief role in the hemorrhagic diathesis. The viewpoint is expressed that the cause of the marked prolongation of bleeding time is the inadequate formation of primary platelet clots as a result of the agglutination of the platelets.--L.N.Dayneko

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MRKOS, Dušan, Dr; KRATOCHVIL, Jiří, Dr.

Czechoslovakia

First Internal Medicine Clinic of the Medical Faculty of the University J.E. Purkyně -- Brno (I. vnitřní klinika lékařské fakulty university J. E. Purkyně -- Brno); Head: M. ŠTEJFA, Prof. MD. - (for all)

Prague, Vnitřní lékařství, No VIII-12, 1962, pp 1243-1249

"Clinical Problems of Idiopathid Thrombocytopenic Purpura."

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PREISOVA, J.; HORN, V.; MRKOS, D.

Exophthalmus in paraproteinemia. Cas. Lek. Cesk. 101 no.8:243-246 23 F '62.

1. Ocni klinika University J. Ev. P. v Brne, prednosta prof. dr. J. Vanysek, doktor lek. ved. Laborator ortopedicke kliniky University J. Ev. P. v Brne, prednosta prof. dr. B. Frejka. I interni klinika University J. Ev. P. v Brne, prednosta prof. dr. M. Stejfa.

(BLOOD PROTEINS) (EXOPHTHALMOS blood)

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CZECHOSLOVAKIA

J. LIBANSKY, L. CHROBAK, D. MRKOS, J. FORTYNOVA, F. CERNIK and O. SEMRAD; Institute of Hematology and Blood Transfusion (ustav hematologie a krevni transfuze) Head (prednosta) Prof Dr J. HOREJSI; Head of Clinical Division (prednosta klinickeho oddeleni) Docent Dr J. LIBANSKY; Second Clinic of Internal Medicine, Medical Faculty Charles University (II. interni klinika lekarske fakulty KU [Karlove University]) Hradec Kralovy, Head Prof Dr J. REHOR; First Internal Medicine Clinic Medical Faculty University JEvP [=J.E. Purkyne] Brno, Head Prof Dr M. STEJFA; Hospital (nemocnice) Havlickuv Brod.

"Hemopoietic Disturbances of Medicinal Etiology."

Prague, Casopis Lekaru Ceskych, Vol 101, No 51, 21 Dec 1962; pp 1494-1503.

Abstract [English summary modified]: Analysis of drug induced blood dyscrasias in 4 Czech cities 1957-1959: 65 cases whereof 7 fatal. Chloramphenicol only incriminated once, but aminopyrine preparations 31 times. Total aminopyrine used in Prague city and region (Kraj) in 1959: 10,835.8 Kg. Analysis by sex, age, (75% women, average age 54) and other criteria; discussion of preventive measures which include

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[illegible]

Therapeutic [illegible]
[illegible]

1. [illegible] Kanazawa [illegible] University [illegible] Tokyo
2. Brus [illegible]

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Z/038/63/000/004/003/005
D406/D301

AUTHOR: Mrkous, Pavel

TITLE: The influence of ionizing radiation on rubber

PERIODICAL: Jaderná energie, no. 4, 1963, 117-123

TEXT: The article describes tests, performed to determine the ionising-radiation resistance of rubber types produced in the ČSSR. Specimens of 13 rubber types, including seven silicone rubbers, supplied by the Rubber Works in Náchod and the Asbestos Works in Zvěřínek, were exposed to integral doses of 10, 100, and 840 Mrad from a cobalt bomb under atmospherical conditions at 20°C. The radiation can cause (a) destruction of the polymers (i.e. rupture of chemical bonds), resulting in a decrease of molecular weight up to destruction, and (b) cross-linking of polymers (i.e. formation of a three-dimensional network), resulting in increased hardness and tensile strength, but reduced extensibility and elasticity. Best post-radiation mechanical properties were found in a rubber on a butadiene-styrene basis; very rapid degradation was found in rubber on

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isobutylene basis. Rather good mechanical properties were also found in acrylonitrile rubber after exposure to 100 Mrad doses. Irradiation tests with silicone rubbers showed an inclination to degradation when aerosil was used as filler, and an inclination to cross-linking when celite superfloss was used as filler. Radiation effects became most prominent in the decrease of extensibility, while tensile strength (especially in cross-linking polymers) shows first an increase, and decreases then, after greater doses. The hardness shows generally an increase, but decreases in rubbers with a trend to degradation. The tests will be continued, and the influence of various admixtures on radiation resistance, radiation aging, and temperature resistance will be studied. There are 6 figures and 5 tables. (Technical editor L. Klimánek).

ASSOCIATION: Závody V.I. Lenina, Plzeň (V.I. Lenin Works, Plzeň)

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ACC NR: AP7010700 SOURCE CODE: CZ/0038/66/000/010/0361/0367

AUTHOR: Mrkous, Pavel; Horsky, Jiri

ORG: Nuclear Electronics Factory, Skoda (Skoda, oborovy Plzen, zavod jaderne elektrarny)

TITLE: Hydrogen peroxide determination in irradiated heavy water saturated with carbon dioxide

SOURCE: Jaderna energie, no. 10, 1966, 361-367

TOPIC TAGS: hydrogen peroxide, heavy water, carbon dioxide, chemical decomposition, chemical stabilization

SUB CODE: 07

ABSTRACT: The determination of D_2O_2 in D_2O contaminated with corrosion products of aluminum alloys and steel, and saturated with carbon dioxide at different pressures is described. The results obtained indicated the stabilization of D_2O_2 by carbon dioxide dissolved in D_2O, and the decomposition of D_2O_2 by iron ions. On the aluminum alloy surface contact decomposition probably occurs. The time dependence of D_2O_2 concentration on the interval of exposure in the WWR S reactor is reported. Paper presented by J. Bednar. Orig. art. has: 10 figures, 25 formulas and 2 tables. [Based on authors' Eng. abst.] [NA]

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15-57-3-3472

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3, p 145 (USSR)

AUTHOR: Mrkovskiy, N.I.

TITLE: The Coal Content of the Lower Carboniferous of the Middle Povolzh'ye and Zavolzh'ye (Volga and trans-Volga Regions) (Uglenosnost' nizhnego karbona Srednego Povolzh'ya i Zavolzh'ya)

PERIODICAL: Tr. Labor geol. Uglya AN SSSR, 1956, Nr 6, pp 366-379

ABSTRACT: Two units are distinguished in the coal-bearing horizons of the Lower Carboniferous rocks of Tatar ASSR and the Kuybyshevskaya Oblast'. The lower is predominantly argillaceous, the upper sandy. The greatest thickness of thecoal-bearing beds (up to 400 m) occurs in ancient lower Visean stream channels (in a belt extending from Yel'buga to Bullyr', Melekess, and Mukhanovo). The average thickness of the coal-bearing deposits in the surrounding regions

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The Coal Content of the Lower Carboniferous (Cont.) 15-57-3-3472

(southeastern Tatariya and Samarskaya Luka) does not exceed 40 to 50 m. The depth to the coal-bearing horizon varies, depending on the structural features of the region. In the region of the Tokmovskoye podnyatiye (uplift), the depth is 200 to 800 m; on the Tatarskaya arch it is 1000 to 1200 m; and in the Melekess Basin it is greater than 1500 m. The coal beds formed on a platform in brackish-water basins, swamps, lagoons, gulfs, and river channels. Clastic material was brought in from the Urals, theVoronezh massif, and the Tomovskoye podnyatiye (uplift). The coal is found over a considerable area. The thickest coal accumulation (up to 15 m) is found in the Tatar ASSR. Coal beds up to 1.5 m thick are encountered also in a number of drill holes in the Kuybyshevskaya oblast', but the shape of the deposit is not clearly known. Humic durain and clarain-durain coals, chemically belong to the class of long-flame coals, are most abundant. The most promising coal-bearing area corresponds to the riparian lowland plains of Visean time which occur along the ancient river channels of that epoch the first objective in exploratory drilling for the coal should be the eastern slope of

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Z. MRKUSIC

"Control of international payments by the National Bank." p. 173. (FINANSIJE, Vol. 7, no.3/4, Mar./Apr. 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, L. C., Vol. 2, No. 7, July 1953, Uncl.

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MRKVA, F.

Methods of measuring theinertia forces of the spare parts of vehicles.

p. 320. (Automobil. Vol. 1, no. 10, Oct. 1957, Praha, Czechoslovakia)

Monthly Index of East Europe Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

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